



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Alcoa Home Exteriors, Inc.
2405 Campbell Rd
Sidney, OH 45365

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Alcoa Vinyl Siding/Soffit

APPROVAL DOCUMENT: Drawing No. **SK-85-1**, titled "Installation Design Drawing for Vinyl Siding/Soffit", sheets 1 and 2 of 2, dated 05/14/08, prepared by Alcoa Home Exteriors, Inc., signed and sealed by Allen N. Reeves, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA # **07-0424.12** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Handwritten Signature]
 6/11/08

NOA No. 08-0429.11
 Expiration Date: April 25, 2012
 Approval Date: June 26, 2008
 Page 1

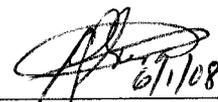
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **SK-85-1**, titled "Installation Design Drawing for Vinyl Siding/Soffit", sheets 1 and 2 of 2, dated 05/14/08, prepared by Alcoa Home Exteriors, Inc., signed and sealed by Allen N. Reeves, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Brentwood Double 5-BW50 Vinyl Siding, prepared by Architectural Testing, Inc., Test Report No. **81374.01-109-18**, dated 04/14/08, signed and sealed by Michael D. Stremmel, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Carvedwood II Double 5-CW250 Vinyl Siding, prepared by Architectural Testing, Inc., Test Report No. **81377.01-109-18**, dated 04/14/08, signed and sealed by Michael D. Stremmel, P.E.
3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Quest Double 5-QT50 Vinyl Siding, prepared by Architectural Testing, Inc., Test Report No. **81378.01-109-18**, dated 04/14/08, signed and sealed by Michael D. Stremmel, P.E.
4. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Structure Double 6 SRD61EPS Vinyl Foam Backed Siding, prepared by Architectural Testing, Inc., Test Report No. **81379.01-109-18**, dated 04/14/08, signed and sealed by Michael D. Stremmel, P.E.
5. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Pro Tech Plus Triple 4 Vinyl Soffit, prepared by Architectural Testing, Inc., Test Report No. **81380.01-109-18**, dated 04/14/08, signed and sealed by Michael D. Stremmel, P.E.
6. Test report on Accelerated Weathering and Tensile Strength per ASTM G155 and ASTM D638 of Various Vinyl Siding Materials, prepared by Architectural Testing, Inc., Test Report No. **50437.02-106-18**, dated 03/25/08, signed and sealed by Joseph A. Reed, P.E.



Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 08-0429.11

Expiration Date: April 25, 2012

Approval Date: June 26, 2008

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Installation analyses of Vinyl Siding and Soffits, complying with FBC 2004, 2006 Supplement and 2007, prepared by H.R. Engineering, Inc., dated 05/19/08, signed and sealed by Allen N. Reeves, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement of code conformance issued by H.R. Engineering, Inc., dated 05/19/08, signed and sealed by Allen N. Reeves, P.E.
2. Statement letter of no financial interest issued by H.R. Engineering, Inc., dated 05/19/08, signed and sealed by Allen N. Reeves, P.E.
3. Laboratory compliance letters issued by Architectural Testing, Inc., signed and sealed by Michael D. Stremmel, P.E.

G. OTHER

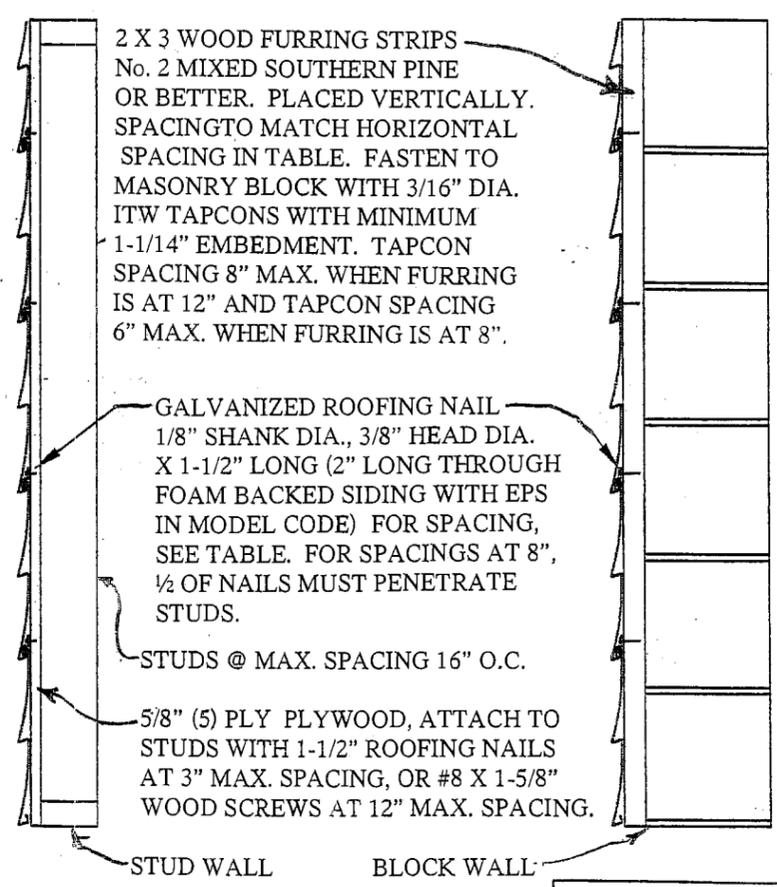
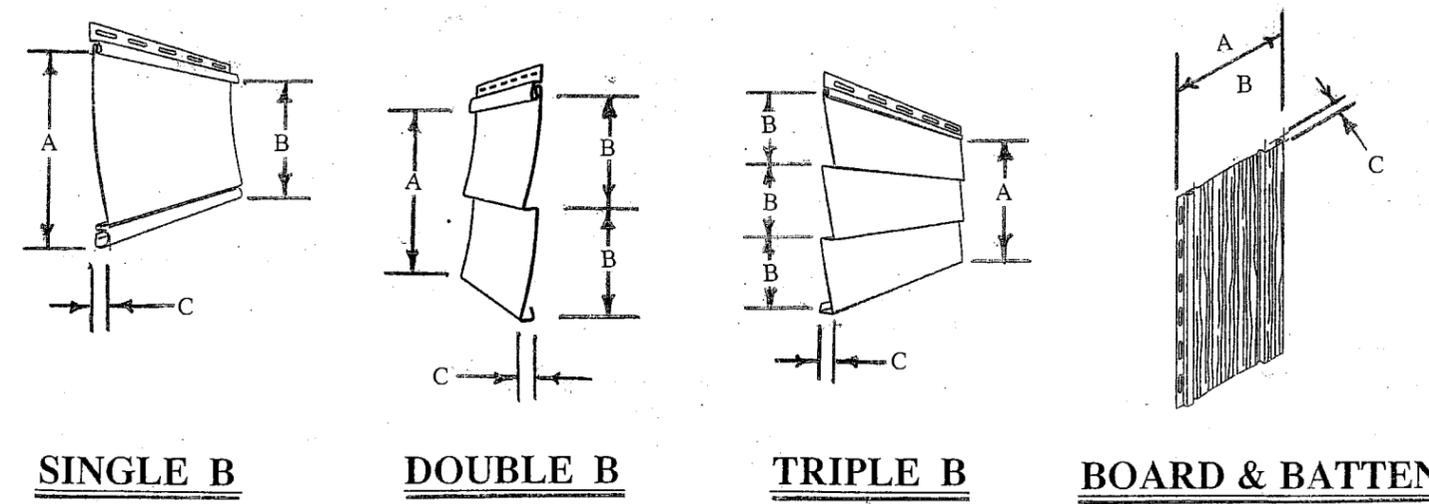
1. Notice of Acceptance No. **07-0424.12**, issued to Alcoa Home Exteriors, Inc., approved on 06/07/07 and expiring on 04/25/08.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0429.11

Expiration Date: April 25, 2012
Approval Date: June 26, 2008

APPROVED MODELS	CONFIGURATION	EXPOSURE INCHES "A"	B	C	NAIL SPACING	THICKNESS ±.003	DESIGN PRESSURE (PSF)
BW40	Double 4"	8	4	1/2	8"h x 8"v	0.040"	-119.5
TRM40	Double 4"	8	4	1/2	8"h x 8"v	0.040"	-119.5
MC40	Double 4"	8	4	1/2	8"h x 8"v	0.040"	-119.5
MB40	Double 4"	8	4	1/2	8"h x 8"v	0.042"	-119.5
L44T	Double 4"	8	4	1/2	8"h x 8"v	0.048"	-119.5
WGV40	Double 4"	8	4	1/2	8"h x 8"v	0.048"	-119.5
STV44	Double 4"	8	4	1/2	8"h x 8"v	0.044"	-119.5
CW240	D 4" folded hem	8	4	5/8	12"h x 8"v	0.042"	-75.0
QT40	D 4" double hem	8	4	3/4	12"h x 8"v	0.044"	-75.0
GS40	D 4" double hem	8	4	3/4	12"h x 8"v	0.046"	-75.0
MCD40	Double 4" DL	8	4	1/2	8"h x 8"v	0.040"	-119.5
DBW45	Double 4 1/2" DL	9	4.5	1/2	8"h x 9"v	0.040"	-106.2
TRMD45	Double 4 1/2" DL	9	4.5	1/2	8"h x 9"v	0.040"	-106.2
MBD45	Double 4 1/2" DL	9	4.5	1/2	8"h x 9"v	0.042"	-106.2
QTD45	D4.5"DL double hem	9	4.5	3/4	12"h x 9"v	0.044"	-66.7
GSD45	D4.5"DL double hem	9	4.5	3/4	12"h x 9"v	0.046"	-66.7
CW2D45	D4.5"DL folded hem	9	4.5	5/8	12"h x 9"v	0.042"	-66.7
BW50	Double 5"	10	5	1/2	8"h x 10"v	0.040"	-95.6
TRM50	Double 5"	10	5	1/2	8"h x 10"v	0.040"	-95.6
MC50	Double 5"	10	5	1/2	8"h x 10"v	0.040"	-95.6
MB50	Double 5"	10	5	1/2	8"h x 10"v	0.042"	-95.6
L55T	Double 5"	10	5	5/8	8"h x 10"v	0.048"	-95.6
WGV50	Double 5"	10	5	5/8	8"h x 10"v	0.048"	-95.6
CW250	D 5" folded hem	10	5	5/8	12"hx10"v	0.042"	-60.0
QT50	D 5" double hem	10	5	3/4	12"hx10"v	0.044"	-60.0
GS50	D 5" double hem	10	5	3/4	12"hx10"v	0.046"	-60.0
MCD50	Double 5" DL	10	5	1/2	8"h x 10"v	0.040"	-95.6
STVD55	Double 5" DL	10	5	5/8	8"h x 10"v	0.044"	-95.6
LD55T	Double 5" DL	10	5	5/8	8"h x 10"v	0.048"	-95.6
DWGV50	Double 5" DL	10	5	5/8	8"h x 10"v	0.048"	-95.6
WGV3266	Triple 2 2/3"	8	2.6	1/2	8"h x 8"v	0.048"	-119.5
STV3	Triple 3"	9	3	1/2	8"h x 9"v	0.044"	-106.2
MBB65	Single 6 1/2"	6 1/2	6.5	1/2	8"h x 6.5"v	0.046"	-147.1
STVB65	Single 6 1/2"	6 1/2	6.5	1/2	8"h x 6.5"v	0.046"	-147.1
CB65	Single 6 1/2"	6 1/2	6.5	1/2	8"h x 6.5"v	0.044"	-147.1
WGV80	Single 8"	8	8	3/4	8"h x 8"v	0.048"	-119.5
BB80	Board & Batten	8	8	1/2	8"h x 8"v	0.050"	-119.5
SRD41EPS	Double 4"	8	4	3/4	8"h x 8"v	0.044"	-138.8
SRD451EPS	Double 4 1/2" DL	9	4.5	3/4	8"h x 9"v	0.044"	-123.3
SRD61EPS	Double 6"	12	6	3/4	8"h x 12"v	0.046"	-92.5
SRS71EPS	Single 7"	7	7	3/4	8"h x 7"v	0.046"	-158.6



- General Notes**
- ALCOA VINYL & SOFFIT PRODUCTS ARE MFG. FROM A FORMULATED PVC COMPOUND MEETING OR EXCEEDING THE REQUIREMENTS OF ASTM D 3679 STANDARDS FOR PVC SIDING AND COMPOUNDS.
 - WALLS AND SOFFIT TO RECEIVE VINYL SIDING / SOFFIT SHALL BE CHECKED FOR STRUCTURAL ADEQUACY, CRACKS AND DEFECTS THAT SHALL BE ELIMINATED.
 - WALLS SHALL BE WATER PROOFED WITH ASPHALT SATURATED FELT OF NOT LESS THAN 15#/100 SQ. FT. AS DESCRIBED IN SECTION 1404 OF THE FLORIDA BUILDING CODE.
 - WALLS & SOFFIT WHERE THE SIDING / SOFFIT ARE TO BE INSTALLED SHALL BE DESIGNED BY A REGISTERED ARCHITECT OR ENGINEER ACCORDING TO THE FLORIDA BUILDING CODE AND THE MINIMUM REQUIREMENTS OF THIS DRAWING.
 - INSTALLATION OF THE SIDING / SOFFIT AND ACCESSORY PRODUCTS SHALL BE DONE IN ACCORDANCE WITH THE MFG. INSTRUCTIONS AND THE APPLICABLE SECTION OF THE FLORIDA BUILDING CODE.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 08-0427-11
 Expiration Date 04/25/12
 Miami Dade Product Control Division

Allen N. Reeves
 19 MAY 2008

No.	Revisions	Date

ALLEN N. REEVES, P.E. STRUCTURAL ENGINEER
 FLORIDA LICENSE NO. 19354

Property of:
Alcoa Home Exteriors, Inc.
 A Division of Ply Gem Ind. Inc.

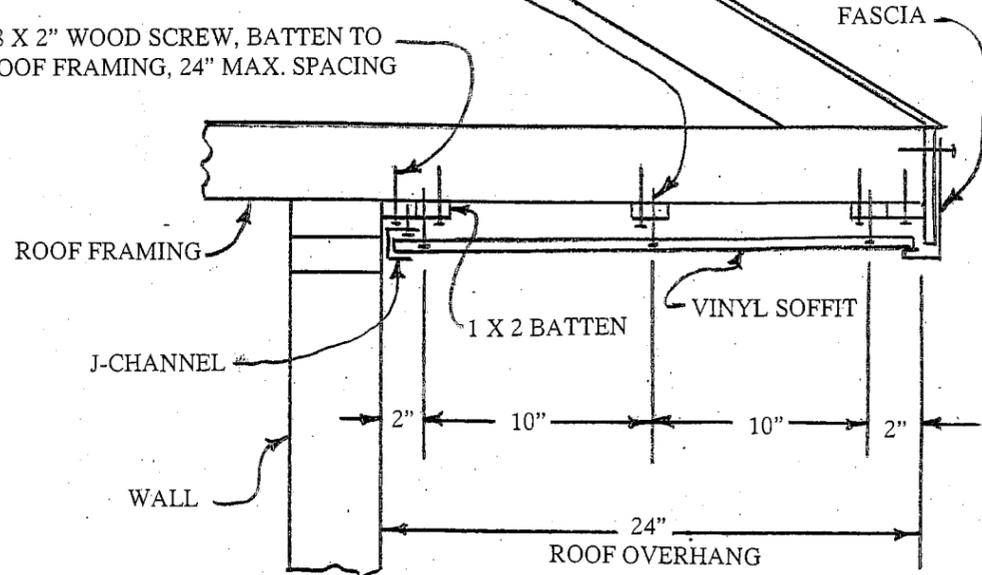
PART: **INSTALLATION DESIGN**
DRAWING FOR VINYL SIDING

DRAWN BY: ANR DATE: 5/14/08 SHEET 1 OF 2

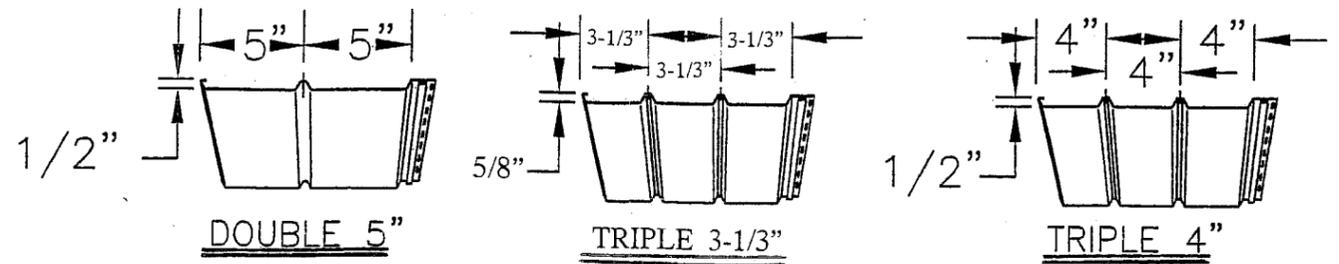
SCALE: VARIES SK-85-1

GALVANIZED ROOFING NAIL
1/8" SHANK DIA., 3/8" HEAD DIA., X
1-1/2" LONG, THROUGH NAIL HEM
HOLES AND BATTEN AT INTERLOCKS

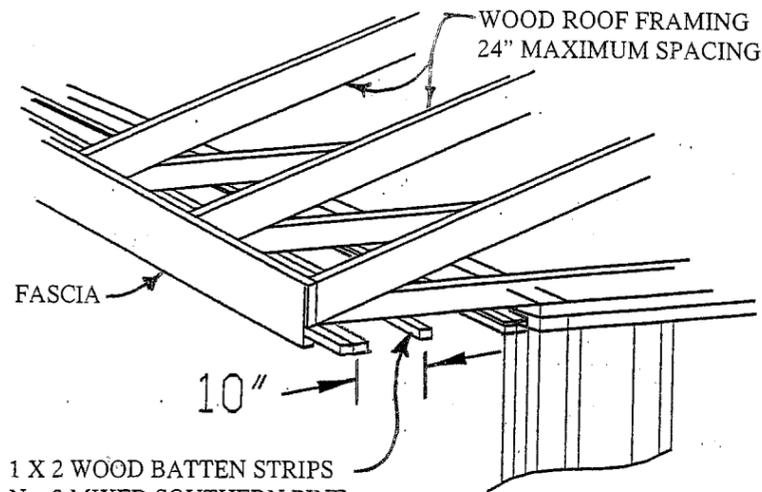
#8 X 2" WOOD SCREW, BATTEN TO
ROOF FRAMING, 24" MAX. SPACING



EAVE CROSS SECTION

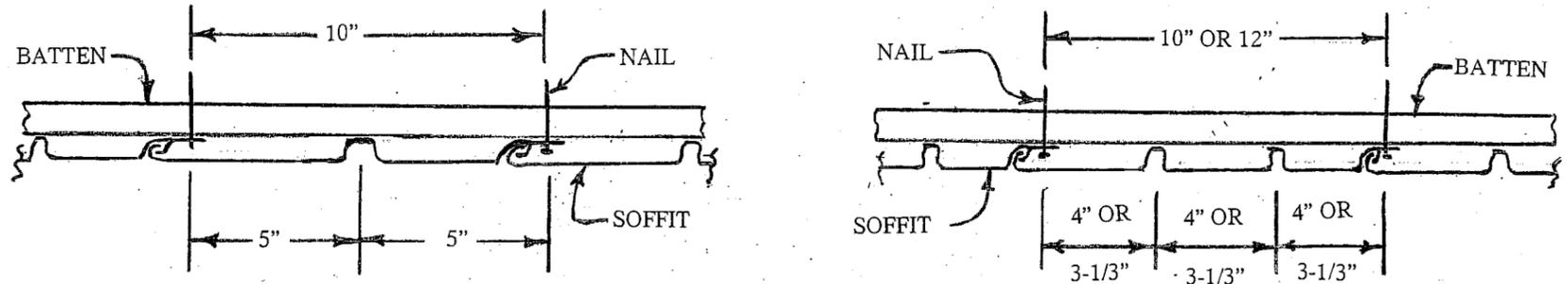


APPROVED MODELS	CONFIGURATION	EXPOSURE INCHES	THICKNESS ±.003	DESIGN PRESSURE (PSF)
PTS12N	Triple 4"	12	0.040"	+60.0 /-50.0
PTS12V	Triple 4"	12	0.040"	+60.0 /-50.0
PTS12CV	Triple 4"	12	0.040"	+60.0 /-50.0
HVS10N	Triple 3-1/3"	10	0.044"	±60.0
HVS10V	Triple 3-1/3"	10	0.044"	±60.0
TRMS10N	Double 5"	10	0.042"	±60.0
TRMS10V	Double 5"	10	0.042"	±60.0
PSS10N	Double 5"	10	0.042"	±60.0
PSS10V	Double 5"	10	0.042"	±60.0
LFP10N	Double 5"	10	0.042"	±60.0
LFP10V	Double 5"	10	0.042"	±60.0
PTS10N	Double 5"	10	0.042"	±60.0
PTS10V	Double 5"	10	0.042"	±60.0



1 X 2 WOOD BATTEN STRIPS
No. 2 MIXED SOUTHERN PINE
OR BETTER

EAVE FRAMING ISOMETRIC VIEW



EAVE LONGITUDINAL SECTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0429-11
Expiration Date 04/25/12
By *[Signature]*
Miami Dade Product Control
Division

Allen N. Reeves
19 MAY 2008

ALLEN N. REEVES, P.E. STRUCTURAL ENGINEER
FLORIDA LICENSE NO. 19354

Property of:
Alcoa Home Exteriors, Inc.
A Division of Ply Gem Ind. Inc.

PART: **INSTALLATION DESIGN
DRAWING FOR VINYL SOFFIT**

DRAWN BY: ANR DATE: 5/14/08

SHEET 2 OF 2

SCALE: VARIES

SK-85-1

No.	Revisions	Date